

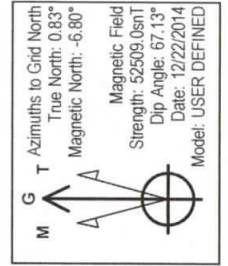


Erlewine Pad
Erlewine 6H
Plan 5
GL 1212 & KB 18' @ 1230.00ft (Saxon 141)
Mary Prospect

PROJECT DETAILS:
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: West Virginia North 4701
System Datum: Mean Sea Level

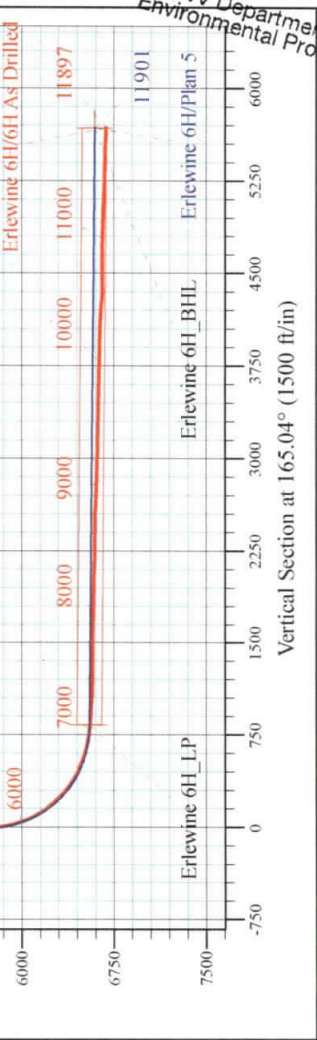
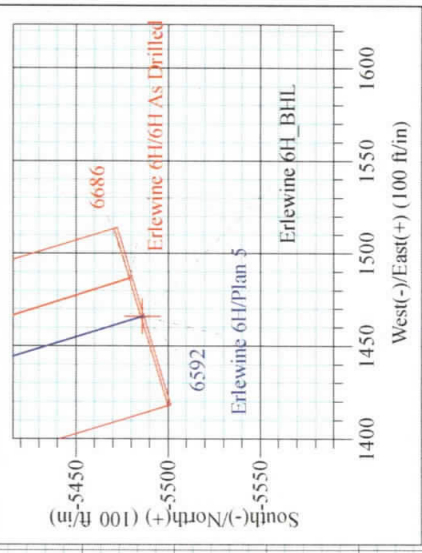
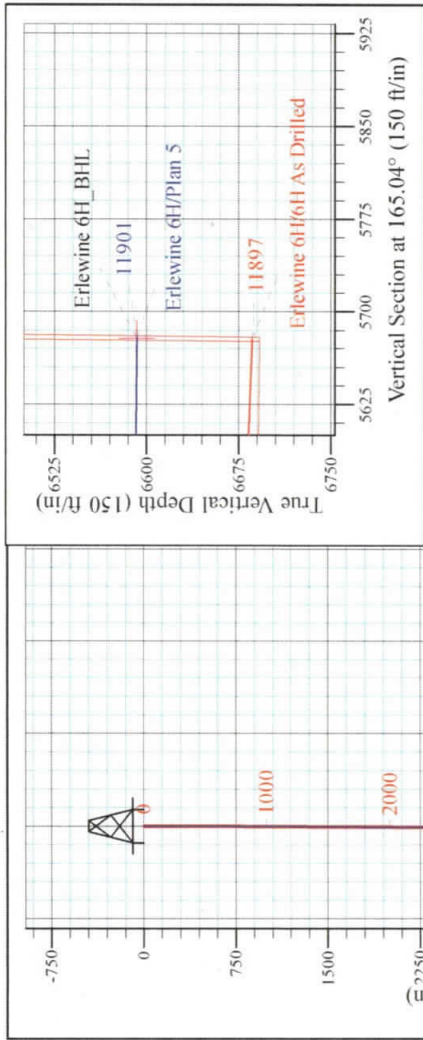


Shane Rhodes
15:15, February 26 2015
Scientific Drilling International
124 Vista Drive
Charleroi, PA 15022



WELL DETAILS: Erlewine 6H

+N/-S	+E/-W	Northing	Latitude	Longitude
0.00	0.00	433630.00	39° 40' 59.969 N	80° 47' 50.507 W



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Stone Energy Corporation

Mary Prospect
Erlewine Pad
Erlewine 6H - Slot 6H

OH

Design: 6H As Drilled

Standard Survey Report

26 February, 2015

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Scientific Drilling International
Survey Report



Company:	Stone Energy Corporation	Local Co-ordinate Reference:	Well Erlewine 6H - Slot 6H
Project:	Mary Prospect	TVD Reference:	GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
Site:	Erlewine Pad	MD Reference:	GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
Well:	Erlewine 6H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	6H As Drilled	Database:	Northeast District

Project	Mary Prospect, Wetzel County, West Virginia		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	West Virginia North 4701		

Site	Erlewine Pad				
Site Position:		Northing:	433,674.00 usft	Latitude:	39° 41' 0.404 N
From:	Map	Easting:	1,634,878.00 usft	Longitude:	80° 47' 50.515 W
Position Uncertainty:	0.00 ft	Slot Radius:	13-3/16 "	Grid Convergence:	-0.83 °

Well	Erlewine 6H - Slot 6H					
Well Position	+N/-S	0.00 ft	Northing:	433,630.00 usft	Latitude:	39° 40' 59.969 N
	+E/-W	0.00 ft	Easting:	1,634,878.00 usft	Longitude:	80° 47' 50.507 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	0.00 ft	Ground Level:	1,212.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HDGM	6/17/2014	-7.62	67.17	52,580
	User Defined	7/14/2014	-7.61	67.17	52,570
	User Defined	11/18/2014	-7.63	67.14	52,522
	User Defined	12/22/2014	-7.63	67.13	52,509

Design	6H As Drilled				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	165.04	

Survey Program	Date	2/26/2015		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
18.00	2,408.00	Survey 1 - Vaughn Gyro (OH)	VES GyroFlex	
2,493.00	5,568.00	Survey 2 - SDI MWD (OH)	MWD SDI	MWD - Standard ver 1.0.1
5,603.00	11,897.00	Survey #3 - SDI MWD (OH)	SDI MWD	SDI MWD - Standard ver 1.0.1

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18.00	0.00	0.00	18.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ground Level										
108.00	0.21	185.83	108.00	-0.16	-0.02	0.15	0.23	0.23	0.00	
First VES Gyro @ 108 MD										
208.00	0.11	336.07	208.00	-0.26	-0.07	0.23	0.31	-0.10	150.24	

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Scientific Drilling International
Survey Report



Company:	Stone Energy Corporation	Local Co-ordinate Reference:	Well Erlewine 6H - Slot 6H
Project:	Mary Prospect	TVD Reference:	GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
Site:	Erlewine Pad	MD Reference:	GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
Well:	Erlewine 6H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	6H As Drilled	Database:	Northeast District

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
308.00	0.14	328.98	308.00	-0.07	-0.18	0.02	0.03	0.03	-7.09	
408.00	0.06	329.25	408.00	0.08	-0.27	-0.15	0.08	-0.08	0.27	
508.00	0.14	323.94	508.00	0.23	-0.36	-0.31	0.08	0.08	-5.31	
608.00	0.22	311.50	608.00	0.45	-0.58	-0.59	0.09	0.08	-12.44	
708.00	0.16	304.05	708.00	0.66	-0.84	-0.85	0.06	-0.06	-7.45	
808.00	0.26	328.67	808.00	0.93	-1.07	-1.18	0.13	0.10	24.62	
908.00	0.22	341.21	908.00	1.31	-1.25	-1.59	0.07	-0.04	12.54	
1,008.00	0.29	339	1,008.00	1.74	-1.30	-2.02	0.12	0.07	22.18	
1,108.00	0.30	10.34	1,107.99	2.25	-1.24	-2.49	0.04	0.01	6.95	
1,208.00	0.38	5.76	1,207.99	2.84	-1.16	-3.04	0.08	0.08	-4.58	
1,308.00	0.35	349.89	1,307.99	3.47	-1.18	-3.66	0.11	-0.03	-15.87	
1,408.00	0.38	302.16	1,407.99	3.95	-1.51	-4.20	0.30	0.03	-47.73	
1,508.00	0.28	339.88	1,507.99	4.35	-1.88	-4.69	0.23	-0.10	37.72	
1,608.00	0.36	320.41	1,607.99	4.82	-2.16	-5.22	0.13	0.08	-19.47	
1,708.00	0.37	340.69	1,707.98	5.37	-2.47	-5.83	0.13	0.01	20.28	
1,808.00	0.09	276.96	1,807.98	5.68	-2.65	-6.18	0.34	-0.28	-63.73	
1,908.00	0.26	263.24	1,907.98	5.67	-2.96	-6.24	0.17	0.17	-13.72	
2,008.00	0.41	257.89	2,007.98	5.57	-3.53	-6.29	0.15	0.15	-5.35	
2,108.00	0.34	246.24	2,107.98	5.37	-4.15	-6.26	0.10	-0.07	-11.65	
2,208.00	0.34	260.76	2,207.98	5.20	-4.72	-6.25	0.09	0.00	14.52	
2,308.00	0.44	272.42	2,307.97	5.17	-5.39	-6.39	0.13	0.10	11.66	
2,408.00	0.58	294.38	2,407.97	5.40	-6.24	-6.83	0.24	0.14	21.96	
Last VES Gyro @ 2408 MD										
2,493.00	0.56	339.04	2,492.97	5.96	-6.78	-7.51	0.51	-0.02	129.84	
First SDI MWD @ 2493 MD										
2,587.00	0.38	100.56	2,586.96	6.33	-6.64	-7.83	0.88	-0.19	129.84	
2,682.00	0.62	81.26	2,681.96	6.36	-5.82	-7.64	0.31	0.25	-20.34	
2,776.00	1.01	99.51	2,775.95	6.30	-4.50	-7.24	0.49	0.41	19.41	
2,870.00	1.59	110.58	2,869.93	5.70	-2.46	-6.14	0.67	0.62	11.78	
2,964.00	1.50	108.97	2,963.89	4.84	-0.08	-4.70	0.11	-0.10	-1.71	
3,058.00	1.74	114.44	3,057.86	3.85	2.39	-3.11	0.30	0.26	5.82	
3,153.00	2.06	111.90	3,152.80	2.62	5.28	-1.17	0.35	0.34	-2.67	
3,247.00	1.24	131.50	3,246.76	1.31	7.61	0.70	1.05	-0.87	20.85	
3,341.00	0.94	205.56	3,340.75	-0.06	8.04	2.13	1.42	-0.32	78.79	
3,434.00	1.35	219.66	3,433.73	-1.59	7.01	3.34	0.53	0.44	15.16	
3,530.00	1.05	224.10	3,529.71	-3.09	5.88	4.45	0.33	-0.31	4.63	
3,623.00	1.02	202.10	3,622.70	-4.47	4.77	5.55	0.43	-0.03	-23.66	
3,718.00	1.12	164.50	3,717.68	-6.15	4.70	7.15	0.73	0.11	-39.58	
3,812.00	1.09	205.43	3,811.67	-7.84	4.57	8.75	0.82	-0.03	43.54	
3,906.00	1.22	201.10	3,905.65	-9.58	3.82	10.24	0.17	0.14	-4.61	
4,000.00	0.86	297.05	3,999.64	-10.19	2.83	10.58	1.66	-0.38	102.07	
4,094.00	1.55	344.21	4,093.62	-8.65	1.86	8.84	1.23	0.73	50.17	
4,188.00	1.87	349.99	4,187.57	-5.92	1.25	6.04	0.39	0.34	6.15	

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129.84
-20.34
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20.85
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15.16
4.63
-23.66
-39.58
43.54
-4.61
102.07
50.17
6.15



Scientific Drilling International
Survey Report



Company:	Stone Energy Corporation	Local Co-ordinate Reference:	Well Erlewine 6H - Slot 6H
Project:	Mary Prospect	TVD Reference:	GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
Site:	Erlewine Pad	MD Reference:	GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
Well:	Erlewine 6H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	6H As Drilled	Database:	Northeast District

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
4,282.00	1.71	338.55	4,281.53	-3.10	0.47	3.12	0.42	-0.17	-12.17	
4,377.00	1.62	329.39	4,376.49	-0.62	-0.73	0.41	0.30	-0.09	-9.64	
4,471.00	1.65	330.10	4,470.45	1.69	-2.09	-2.17	0.04	0.03	0.76	
4,565.00	0.99	309.68	4,564.43	3.38	-3.39	-4.14	0.85	-0.70	-21.72	
4,659.00	0.53	345.92	4,658.42	4.32	-4.12	-5.24	0.68	-0.49	38.55	
4,753.00	0.67	133.54	4,752.42	4.37	-3.82	-5.21	1.23	0.15	157.04	
4,846.00	1.00	158.32	4,845.41	3.24	-3.13	-3.94	0.52	0.35	26.65	
4,940.00	0.79	166.89	4,939.39	1.85	-2.68	-2.47	0.26	-0.22	9.12	
5,035.00	0.64	173.11	5,034.39	0.68	-2.47	-1.29	0.18	-0.16	6.55	
5,129.00	0.40	156.99	5,128.38	-0.14	-2.28	-0.45	0.30	-0.26	-17.15	
5,223.00	0.50	192.98	5,222.38	-0.84	-2.24	0.24	0.31	0.11	38.29	
5,317.00	0.47	241.64	5,316.38	-1.43	-2.67	0.69	0.43	-0.03	51.77	
5,411.00	0.68	329.21	5,410.37	-1.13	-3.30	0.24	0.86	0.22	93.16	
5,505.00	1.10	346.46	5,504.36	0.23	-3.79	-1.20	0.53	0.45	18.35	
5,568.00	1.45	350.30	5,567.35	1.60	-4.07	-2.60	0.57	0.56	6.10	
5,603.00	1.49	347.60	5,602.34	2.48	-4.24	-3.49	0.23	0.11	-7.71	
5,667.00	1.45	333.35	5,666.31	4.02	-4.78	-5.11	0.57	-0.06	-22.27	
5,697.00	0.77	330.78	5,696.31	4.53	-5.05	-5.68	2.27	-2.27	-8.57	
5,727.00	1.35	186.15	5,726.31	4.36	-5.19	-5.55	6.76	1.93	-482.10	
5,758.00	3.78	175.86	5,757.27	2.97	-5.15	-4.20	7.95	7.84	-33.19	
5,788.00	5.93	166.57	5,787.16	0.48	-4.72	-1.68	7.61	7.17	-30.97	
5,818.00	7.85	169.21	5,816.95	-3.04	-3.98	1.91	6.48	6.40	8.80	
5,849.00	9.65	169.56	5,847.58	-7.68	-3.11	6.61	5.81	5.81	1.13	
5,879.00	11.42	172.00	5,877.08	-13.09	-2.24	12.07	6.08	5.90	8.13	
5,909.00	13.27	173.35	5,906.38	-19.45	-1.43	18.42	6.24	6.17	4.50	
5,939.00	14.88	173.43	5,935.48	-26.70	-0.59	25.64	5.37	5.37	0.27	
5,969.00	17.17	176.70	5,964.31	-34.95	0.10	33.79	8.20	7.63	10.90	
6,000.00	19.10	178.49	5,993.77	-44.59	0.50	43.20	6.48	6.23	5.77	
6,030.00	21.48	178.63	6,021.91	-54.99	0.76	53.32	7.93	7.93	0.47	
6,060.00	23.36	178.57	6,049.64	-66.42	1.04	64.44	6.27	6.27	-0.20	
6,091.00	26.14	178.42	6,077.79	-79.40	1.38	77.06	8.97	8.97	-0.48	
6,121.00	28.68	178.40	6,104.42	-93.20	1.77	90.50	8.47	8.47	-0.00	
6,151.00	31.13	178.93	6,130.42	-108.15	2.11	105.03	8.21	8.17	1.70	
6,181.00	33.60	178.84	6,155.76	-124.21	2.43	120.62	8.23	8.23	-0.30	
6,211.00	35.60	179.18	6,180.45	-141.24	2.72	137.15	6.70	6.67	1.10	
6,242.00	38.16	178.53	6,205.25	-159.84	3.09	155.22	8.35	8.26	-2.10	
6,272.00	40.06	178.67	6,228.53	-178.76	3.56	173.61	6.34	6.33	0.40	
6,302.00	41.87	178.86	6,251.18	-198.42	3.98	192.72	6.05	6.03	0.60	
6,332.00	43.50	179.42	6,273.23	-218.75	4.28	212.44	5.58	5.43	1.80	
6,362.00	45.60	179.36	6,294.61	-239.80	4.51	232.83	7.00	7.00	-0.20	
6,392.00	47.37	179.28	6,315.26	-261.55	4.77	253.92	5.90	5.90	-0.27	
6,422.00	48.97	179.98	6,335.27	-283.90	4.91	275.55	5.61	5.33	2.33	
6,453.00	50.22	180.21	6,355.36	-307.51	4.87	298.34	4.07	4.03	0.74	
6,483.00	52.61	180.17	6,374.07	-330.96	4.79	320.98	7.97	7.97	-0.13	

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Survey Report



Company:	Stone Energy Corporation	Local Co-ordinate Reference:	Well Erlewine 6H - Slot 6H
Project:	Mary Prospect	TVD Reference:	GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
Site:	Erlewine Pad	MD Reference:	GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
Well:	Erlewine 6H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	6H As Drilled	Database:	Northeast District

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
6,513.00	54.65	179.66	6,391.86	-355.11	4.83	344.32	6.94	6.80	-1.70	
6,543.00	57.23	179.85	6,408.66	-379.96	4.93	368.36	8.62	8.60	0.63	
6,573.00	59.69	179.54	6,424.35	-405.53	5.07	393.09	8.25	8.20	-1.03	
6,603.00	62.08	179.71	6,438.95	-431.74	5.24	418.45	7.98	7.97	0.57	
6,634.00	64.38	179.03	6,452.91	-459.41	5.55	445.27	7.67	7.42	-2.19	
6,664.00	66.73	179.53	6,465.33	-486.72	5.89	471.74	7.98	7.83	1.67	
6,694.00	68.92	180.01	6,476.65	-514.50	6.00	498.60	7.45	7.30	1.60	
6,726.00	70.14	179.47	6,487.84	-544.47	6.14	527.60	4.13	3.81	-1.69	
6,758.00	71.30	178.65	6,498.41	-574.67	6.63	556.91	4.36	3.63	-2.56	
6,789.00	73.76	176.40	6,507.71	-604.21	7.91	585.77	10.53	7.94	-7.26	
6,821.00	75.04	175.42	6,516.32	-634.95	10.11	616.04	4.97	4.00	-3.06	
6,853.00	75.53	175.93	6,524.45	-665.82	12.45	646.46	2.17	1.53	1.59	
6,885.00	76.74	173.98	6,532.11	-696.76	15.18	677.06	7.02	3.78	-6.09	
6,917.00	78.92	172.12	6,538.86	-727.81	18.97	708.03	8.87	6.81	-5.81	
6,949.00	80.76	171.33	6,544.51	-758.98	23.50	739.31	6.24	5.75	-2.47	
6,981.00	82.53	169.91	6,549.16	-790.21	28.66	770.82	7.06	5.53	-4.44	
7,012.00	84.02	168.04	6,552.79	-820.43	34.55	801.54	7.68	4.81	-6.03	
7,044.00	85.64	165.34	6,555.67	-851.44	41.89	833.39	9.81	5.06	-8.44	
7,076.00	86.58	163.53	6,557.84	-882.19	50.45	865.31	6.36	2.94	-5.66	
7,108.00	86.81	163.08	6,559.69	-912.79	59.63	897.24	1.58	0.72	-1.41	
7,139.00	86.10	163.24	6,561.60	-942.40	68.59	928.17	2.35	-2.29	0.52	
7,203.00	85.83	162.89	6,566.11	-1,003.48	87.19	991.97	0.69	-0.42	-0.55	
7,267.00	86.17	162.68	6,570.57	-1,064.46	106.09	1,055.76	0.62	0.53	-0.33	
7,330.00	88.49	162.46	6,573.51	-1,124.50	124.93	1,118.63	3.70	3.68	-0.35	
7,394.00	89.03	162.30	6,574.89	-1,185.48	144.30	1,182.55	0.88	0.84	-0.25	
7,457.00	89.53	161.86	6,575.68	-1,245.42	163.69	1,245.46	1.06	0.79	-0.70	
7,521.00	90.07	162.92	6,575.91	-1,306.42	183.05	1,309.39	1.86	0.84	1.66	
7,585.00	89.80	162.04	6,575.98	-1,367.45	202.31	1,373.33	1.44	-0.42	-1.38	
7,648.00	89.90	162.63	6,576.14	-1,427.48	221.43	1,436.25	0.95	0.16	0.94	
7,711.00	89.77	162.05	6,576.32	-1,487.51	240.54	1,499.18	0.94	-0.21	-0.92	
7,775.00	89.70	160.50	6,576.62	-1,548.12	261.09	1,563.04	2.42	-0.11	-2.42	
7,838.00	88.89	161.29	6,577.40	-1,607.64	281.71	1,625.87	1.80	-1.29	1.25	
7,902.00	88.05	160.43	6,579.10	-1,668.08	302.68	1,689.68	1.88	-1.31	-1.11	
7,965.00	88.79	159.88	6,580.84	-1,727.32	324.06	1,752.43	1.46	1.17	-0.16	
8,028.00	88.69	160.28	6,582.23	-1,786.54	345.52	1,815.17	0.65	-0.16	0.00	
8,092.00	88.36	160.60	6,583.87	-1,846.82	366.94	1,878.95	0.72	-0.52	0.00	
8,155.00	89.06	159.93	6,585.29	-1,906.11	388.21	1,941.71	1.54	1.11	0.00	
8,219.00	88.76	160.45	6,586.51	-1,966.31	409.89	2,005.47	0.94	-0.47	0.00	
8,283.00	88.39	161.62	6,588.10	-2,026.81	430.69	2,069.29	1.92	-0.58	0.00	
8,347.00	88.53	162.90	6,589.82	-2,087.75	450.18	2,133.19	2.01	0.22	0.00	
8,410.00	88.76	165.36	6,591.31	-2,148.32	467.40	2,196.16	3.92	0.37	3.90	
8,474.00	89.73	165.30	6,592.15	-2,210.23	483.61	2,260.16	1.52	1.52	-0.09	
8,538.00	88.72	164.51	6,593.02	-2,272.02	500.27	2,324.15	2.00	-1.58	-1.23	

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Scientific Drilling International
Survey Report



Company:	Stone Energy Corporation	Local Co-ordinate Reference:	Well Erlewine 6H - Slot 6H
Project:	Mary Prospect	TVD Reference:	GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
Site:	Erlewine Pad	MD Reference:	GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
Well:	Erlewine 6H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	6H As Drilled	Database:	Northeast District

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
8,601.00	87.85	164.01	6,594.91	-2,332.63	517.35	2,387.11	1.59	-1.38	-0.79	
8,665.00	88.52	164.33	6,596.93	-2,394.17	534.80	2,451.07	1.16	1.05	0.50	
8,729.00	89.26	164.31	6,598.17	-2,455.77	552.10	2,515.06	1.16	1.16	-0.03	
8,793.00	88.29	163.41	6,599.54	-2,517.24	569.88	2,579.03	2.07	-1.52	-1.41	
8,856.00	87.35	162.24	6,601.94	-2,577.38	588.47	2,641.93	2.38	-1.49	-1.86	
8,920.00	87.98	162.44	6,604.54	-2,638.31	607.87	2,705.81	1.03	0.98	0.31	
8,983.00	88.39	162.18	6,606.54	-2,698.31	627.01	2,768.71	0.77	0.65	-0.41	
9,047.00	88.53	161.06	6,608.26	-2,759.02	647.18	2,832.57	1.76	0.22	-1.75	
9,110.00	88.96	159.47	6,609.64	-2,818.30	668.45	2,895.33	2.61	0.68	-2.52	
9,174.00	88.29	160.35	6,611.18	-2,878.39	690.42	2,959.06	1.73	-1.05	1.38	
9,237.00	87.38	160.86	6,613.56	-2,937.77	711.33	3,021.82	1.66	-1.44	0.81	
9,301.00	87.89	162.53	6,616.20	-2,998.48	731.41	3,085.66	2.73	0.80	2.61	
9,364.00	88.52	164.44	6,618.17	-3,058.85	749.31	3,148.60	3.19	1.00	3.03	
9,428.00	89.40	165.41	6,619.33	-3,120.63	765.95	3,212.59	2.05	1.38	1.52	
9,492.00	89.33	164.76	6,620.04	-3,182.47	782.42	3,276.58	1.02	-0.11	-1.02	
9,556.00	89.53	164.04	6,620.68	-3,244.11	799.63	3,340.58	1.17	0.31	-1.13	
9,620.00	88.89	164.52	6,621.56	-3,305.71	816.97	3,404.56	1.25	-1.00	0.75	
9,683.00	88.89	165.55	6,622.78	-3,366.56	833.24	3,467.55	1.63	0.00	1.63	
9,747.00	88.29	165.88	6,624.36	-3,428.56	849.02	3,531.53	1.07	-0.94	0.52	
9,811.00	88.39	165.19	6,626.21	-3,490.51	865.00	3,595.50	1.09	0.16	-1.08	
9,874.00	89.09	166.01	6,627.60	-3,551.51	880.67	3,658.48	1.71	1.11	1.30	
9,938.00	88.39	165.72	6,629.00	-3,613.56	896.29	3,722.45	1.18	-1.09	-0.45	
10,001.00	87.88	164.75	6,631.05	-3,674.45	912.34	3,785.42	1.74	-0.81	-1.54	
10,065.00	89.03	165.16	6,632.78	-3,736.23	928.95	3,849.40	1.91	1.80	0.64	
10,129.00	89.36	164.27	6,633.68	-3,797.96	945.82	3,913.39	1.48	0.52	-1.39	
10,192.00	89.66	163.78	6,634.22	-3,858.52	963.15	3,976.37	0.91	0.48	-0.78	
10,256.00	89.06	162.38	6,634.93	-3,919.75	981.78	4,040.33	2.38	-0.94	-2.19	
10,320.00	86.85	160.54	6,637.22	-3,980.38	1,002.11	4,104.16	4.49	-3.45	-2.88	
10,383.00	85.73	160.09	6,641.29	-4,039.57	1,023.29	4,166.81	1.92	-1.78	-0.71	
10,447.00	86.01	160.17	6,645.90	-4,099.61	1,044.99	4,230.41	0.45	0.44	0.13	
10,511.00	86.48	160.83	6,650.09	-4,159.81	1,066.30	4,294.07	1.26	0.73	1.03	
10,575.00	89.33	163.47	6,652.43	-4,220.67	1,085.90	4,357.94	6.07	4.45	4.13	
10,638.00	90.71	163.15	6,652.41	-4,281.02	1,104.00	4,420.91	2.25	2.19	-0.51	
10,702.00	90.54	162.74	6,651.71	-4,342.20	1,122.77	4,484.86	0.69	-0.27	-0.64	
10,766.00	90.20	162.76	6,651.30	-4,403.32	1,141.74	4,548.81	0.53	-0.53	0.03	
10,830.00	89.60	162.66	6,651.41	-4,464.43	1,160.76	4,612.76	0.95	-0.94	-0.16	
10,894.00	88.56	161.85	6,652.44	-4,525.37	1,180.27	4,676.67	2.06	-1.63	-1.27	
10,957.00	88.76	160.70	6,653.91	-4,585.02	1,200.49	4,739.52	1.85	0.32	-1.83	
11,021.00	88.22	161.34	6,655.60	-4,645.52	1,221.29	4,803.34	1.31	-0.84	1.00	
11,084.00	87.55	161.27	6,657.92	-4,705.15	1,241.47	4,866.16	1.07	-1.06	-0.11	
11,147.00	87.99	160.43	6,660.37	-4,764.62	1,262.12	4,928.94	1.50	0.70	-1.33	
11,211.00	88.42	160.63	6,662.38	-4,824.93	1,283.45	4,992.71	0.74	0.67	0.31	
11,274.00	87.72	161.07	6,664.50	-4,884.41	1,304.10	5,055.51	1.31	-1.11	0.70	

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Survey Report



Company:	Stone Energy Corporation	Local Co-ordinate Reference:	Well Erlewine 6H - Slot 6H
Project:	Mary Prospect	TVD Reference:	GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
Site:	Erlewine Pad	MD Reference:	GL 1212' & KB 18' @ 1230.00ft (Saxon 141)
Well:	Erlewine 6H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	6H As Drilled	Database:	Northeast District

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
11,338.00	86.85	162.70	6,667.53	-4,945.17	1,323.98	5,119.34	2.88	-1.36	2.55	
11,402.00	87.52	162.89	6,670.68	-5,006.23	1,342.89	5,183.21	1.09	1.05	0.30	
11,465.00	88.56	162.99	6,672.83	-5,066.42	1,361.36	5,246.13	1.66	1.65	0.16	
11,529.00	89.60	162.76	6,673.86	-5,127.58	1,380.20	5,310.08	1.66	1.63	-0.36	
11,592.00	89.13	163.35	6,674.56	-5,187.84	1,398.56	5,373.03	1.20	-0.75	0.94	
11,655.00	88.49	164.06	6,675.86	-5,248.29	1,416.23	5,436.00	1.52	-1.02	1.13	
11,719.00	87.62	163.13	6,678.04	-5,309.65	1,434.30	5,499.94	1.99	-1.36	-1.45	
11,782.00	86.87	163.10	6,681.06	-5,369.87	1,452.57	5,562.83	1.19	-1.19	-0.05	
11,838.00	87.82	162.53	6,683.66	-5,423.31	1,469.10	5,618.73	1.98	1.70	-1.02	
Last SDI MWD @ 11838 MD										
11,897.00	87.82	162.53	6,685.90	-5,479.54	1,486.80	5,677.63	0.00	0.00	0.00	
Projection to Bit @ 11897 MD										

Design Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
18.00	18.00	0.00	0.00	Ground Level	
108.00	108.00	-0.16	-0.02	First VES Gyro @ 108 MD	
2,408.00	2,407.97	5.40	-6.24	Last VES Gyro @ 2408 MD	
2,493.00	2,492.97	5.96	-6.78	First SDI MWD @ 2493 MD	
11,838.00	6,683.66	-5,423.31	1,469.10	Last SDI MWD @ 11838 MD	
11,897.00	6,685.90	-5,479.54	1,486.80	Projection to Bit @ 11897 MD	

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